



## DMT 1810

**Division:** Career and Technical Education

**Department:** Transportation Technology

**Course:** DMT 1810

**Title:** Commercial Driver License Written Exam Preparation

**Catalog Description:**

This course is designed to prepare students for the Commercial Driver License (CDL) written exams.

**\*Instructor permission is required.** An additional fee is required.

**General Education Requirements:** N/A

**Semesters Offered:** TBA

**Credit/Time Requirement:** Credit: .5; Lecture: .5; Lab: 0

**Clock/Hour Requirements:** 8

**Offered for Non-Credit:** Yes

**Prerequisites:** Students must be at least 18 years of age before they are allowed to take any portion of the CDL exam. **\*Instructor permission is required.**

**Corequisites:** N/A

**Justification:**

Industry figures average an estimated increase of freight transported by commercial vehicles in excess of 3% per year. This creates an ongoing demand for drivers holding Class "A" Commercial Driver Licenses. Additional employment opportunity exists in other fields, such as construction and local delivery. This course prepares students for the written exams which are the first step of the CDL process and gains the student the Commercial Driver License "Learner Permit" which is used while gaining the training necessary to pass the final performance exams.

**Student Learning Outcomes:**

By the end of the course, students will be able to pass the CDL written exams with a minimum proficiency of 80%.

**Content:**

The course will contain preparation material for the following CDL written exams:

- general knowledge
  - post-accident procedures, drug and alcohol effects, heavy vehicle backing, service and

emergency use of hydraulic and air brake systems, cargo handling, weight distribution, emergency evasive maneuvers, adverse weather driving, vehicle safety inspection, emergency equipment use, drive train application, and intersection management with longer combination vehicles

- combination vehicles
  - fifth wheel assemblies and their use, trailer handling characteristics, air supply line use and potential problems, and proper coupling and uncoupling of trailers
- air brakes
  - characteristics, components, testing, and use of air brake systems
- hazardous materials
  - identification, handling, placarding, documentation, and responsibilities of handling hazardous material shipments
- double and triple trailers
  - characteristics, components, and driving techniques for double and triple trailer configurations
- tanker trailers
  - characteristics, components, and driving techniques for tank trailers.

**General Education Outcomes:**

**Key Performance Indicators:**

Student Learning Outcomes will be assessed by the following Key Performance Indicator:

- passing CDL written exams at a Utah Driver License Division office.

**Representative Text and/or Supplies:**

- *Utah Commercial Driver License Handbook*
- two versions of practice exams
- supplemental reference material will be supplied

**Optimum Class Size:** 4

**Maximum Class Size:** 8

**Signatures:**

I hereby submit this course syllabus:

---

Robert Boyer, BS, Instructor

I hereby find this course consistent with the goals and resources of the Transportation Technology Department:

---

Brent Reese, BS, Associate Professor, Chair

I hereby find this course consistent with the goals and resources of the Career and Technical Education Division:

---

Michael P. Medley, MBA, Assistant Professor, Dean

I have discussed the need for library resources related to this class with the person submitting the syllabus:

---

Lynn Anderson, MLIS, Technical Services Librarian (Main Campus)

---

Michelle Olsen, MLS, Campus Librarian (Richfield Campus)